

EAI 3.0 - Requirements Traceability Matrix										
Num	Area	Application(s)	Category	Business Requirement and Description	Release	Priority	Tech Spec Reference	Implementation Note	Date Required	Comment
100	Software									
101		All	Bulk File Transfer	EAI shall provide a mechanism to efficiently transfer large volumes of data using the MQSeries Infrastructure	3.0	H	N/A - Complete. Part of installed toolset.	The Data Integrator product from CommerceQuest meets this requirement.	3/18/2002	This product has been installed and is in use.
102		All	Queue Monitoring	EAI shall provide a mechanism to monitor the status of queues and provide notification when there are problems	3.0	H	3.8.1	The MQMON product provided by CSC will meet this requirement and is currently in place.	1/15/2002	CSC is providing this capability; it is now in place. CSC will evaluate COTS solution.
103		All	Message Tracing	EAI needs a tool to trace messages and queue performance to support the development process, performance tracking and tuning, and usage data. The EAI Team shall define the requirements, support product evaluation, and make a product recommendation for such a tool.	3.0	M	3.8.1	Investigating the TransactionVision product produced by Bristol Technologies	5/15/2002	Preliminary evaluation has been completed. Final selection is on hold pending monitoring decision.
104		All	MQ Metrics	EAI needs a tool to measure MQ traffic in terms of number of messages, and/or data volume. The EAI Team shall define the requirements, support product evaluation, and make a product recommendation for such a tool.	3.0	M	3.8.1	Investigating the TransactionVision product produced by Bristol Technologies	6/30/2002	Preliminary evaluation has been completed. Final selection is on hold pending monitoring decision.
200	Adapters									
201		DMCS Replacement		EAI shall provide a new MQ Core Adapter for the application that replaces DMCS.	3.0	H	3.4.5.3	The DMCS solution has just been selected	8/1/2002	Interface requirements definition is under discussion with DMCS team. Adapter approach should be defined in July.
202		Direct Loan Consolidation		EAI shall provide a new MQ Core Adapter for DLCS	3.0	H	3.4.5.3		7/1/2002	Interface requirements definition is under discussion with DLCS team. Adapter approach should be defined in July.
203		PIN Site		EAI shall provide a new MQ Core Adapter for the PIN Site	3.0	H	N/A	This is a preliminary requirement.	7/1/2002	FSA is still discussing this requirement. The schedule is impacted by the SSO initiative.
204		Consistent Answers	Siebel	EAI shall customize the MQ capabilities in Siebel to implement an MQ Core Adapter	3.0	H	N/A	This builds on the capability provided with Siebel.	7/1/2002	Will implement Siebel capability.
205		Consistent Answers	IVR	EAI shall provide a new MQ Core Adapter for the Consistent Answers Interactive Voice Response Unit (IVR)	3.0	H	N/A	The IVR solution has not yet been selected.	7/1/2002	The IVR vendor, iBasis, will provide adapter capability via the Sonic software product.
300	Components									
301		All	Common Logging	EAI shall provide a common logging component that can be used by Adapters when they are built to log appropriate interface data.	3.0	H	3.9.3	Provide an API that can be called	4/1/2002	Some basic capability has already been implemented.
302		All	File Transfer	EAI shall provide a common component that will transfer large files from one application to another using the CommerceQuest Data Integrator 4.0.1 tool that builds upon the MQSeries messaging capability.	3.0	H	3.9.3	CommerceQuest Data Integrator 4.0.1 is the tool that will be used to accomplish this file transfer.	2/15/2002	This will interface with the files that each application produces.
303		FMS	Database Functionality	EAI shall provide a common component that will be used by Adapters when global units of work need to occur between MQSeries and a database.	3.0	H	3.9.3	MQSI 2.0.1 supports global units of work for some database on specific platforms. An API/application will be provided for global units of work not supported by MQSI 2.0.1.	3/10/2002	MQSI will be upgraded to the next release, which will fulfill this requirement.
304		Some	Database Functionality	EAI shall provide a common component that will be used by Adapters when stored procedures or PL/SQL calls need to be executed.	3.0	L	3.9.3	MQSI 2.0.1 supports a subset of stored procedure calls. An API/application will be provided for stored procedure calls not supported by MQSI 2.0.1.	9/28/2002	MQSI will be upgraded to the next release, which will fulfill this requirement.
305		Pay.gov, FMS	Data Transfer	EAI shall provide a common function that will allow Adapters to communicate with MQSeries using HTTP/HTTPS.	3.0	L	3.9.3	MQSeries Internet pass-thru HTTP tunneling feature allows for MQSeries messages to be sent via HTTP or SSL.	9/28/2002	EAI and ITA are jointly evaluating a SOAP (Simple Object Access Protocol) solution.
306		eCB	Notification	EAI shall provide a common component that will be used by Adapters when an Email notification needs to be sent.	3.0	L	3.9.3	MQSI 2.0.1 Sendmail Plug-In node allows or emails to be sent from based on MQSeries messages.	9/28/2002	MQSI will be upgraded to the next release, which will fulfill this requirement.